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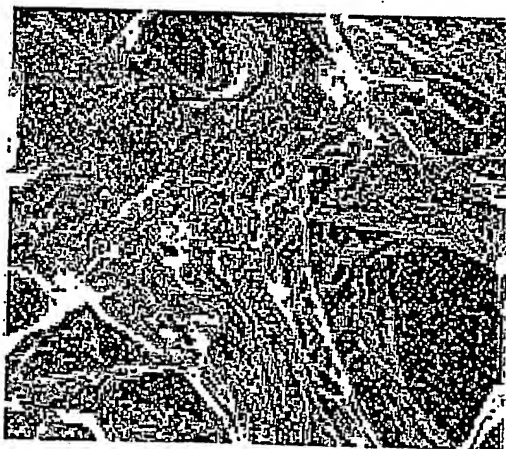
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(54) Title: USE OF PASSAGEWAYS THROUGH POROUS MEMBRANES



(57) Abstract: Capillary-pore (track-etched) membranes were known to have residual negative charges formed during manufacture. We demonstrated that residual negative charges were concentrated on the interior face of the uniform passageways through the membrane stock, and then demonstrated that they were from carboxyl groups (ca 40 nanomoles per cm<sup>2</sup> of membrane surface). We then demonstrated that these endogenous carboxyl groups could be used for modification of the surface of these highly uniform passageways, by covalent linkage with one or more compounds, thus providing a configured separation membrane.

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